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2131 305-9648

ATTORNEY DOCKET NO. 990438

2622

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of

LaRocca et al.

Serial No. 09/876,789

Filed: June 6, 2001

#3  
TL  
5-20-04

For: APPARATUS AND METHOD FOR  
ENCODING AND COMPUTING A  
DISCRETE COSINE  
TRANSFORM USING A  
BUTTERFLY PROCESSOR

) Group No. Not yet known

INFORMATION DISCLOSURE STATEMENT

RECEIVED

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

MAY 1 0 2004

Technology Center 2600

Dear Sir:

Applicants submit herewith, in accordance with 37 CFR § 1.98, the patents, publications and other information listed on the enclosed Form PTO-1449.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

- ☒ deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: May 3, 2004

FACSIMILE

- ☐ transmitted by facsimile to the Patent and Trademark Office.

Depositor's Name: Stacy Dumrauf  
(type or print name)

Signature: Stacy Dumrauf

The references submitted herewith are those of which Applicants are aware, which they believe may be material to the examination of this application and, with respect to which there may be a duty to disclose in accordance with 37 CFR § 1.56. While the references identified may be material to the examination of this application pursuant to 37 CFR § 1.56, the citation of these references is not intended to constitute an admission that any reference referred to herein is prior art to the invention of this application, unless specifically designated as such. Additionally, the filing of this Information Disclosure Statement shall not be construed to mean that any search has been made or, that if made, such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists.

In accordance with 37 CFR § 1.97(b)(3), this Information Disclosure Statement is being submitted before mailing of the first Office Action on the merits. Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application.

A list of the references is set forth on Form PTO-1449, which is enclosed herewith, along with a copy of each cited foreign reference (copies of U.S. references are not enclosed). Applicants respectfully request that the Examiner return to Applicants a copy of the Form PTO-1449 indicating consideration of the references cited thereon.

Applicants do not believe that any fees are due. If, however, it is determined that fees are owed, Applicants hereby authorize that such fees be charged to Deposit Account No. 17-0026.

Respectfully submitted,

Dated: May 3, 2004

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FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)

DATE MAILED: May 3, 2004

ATTY. DOCKET NO.

990438

SERIAL NO.

09/876,789

APPLICANT

LaRocca et al.

FILING DATE

June 6, 2001

GROUP

Not yet known

2613

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
MD	A1 5 6 1 0 8 4 9	03/11/97	Huang	364	725	
MD	A2 5 8 1 8 7 4 2	10/06/98	Fraenkel et al.	364	725.01	
	A3					
	A4					

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
MD	B1	0 5 6 6 1 8 4	10/20/93	EP	Philips Electronics N.V.		
MD	B2	0 7 1 4 2 1 2	05/29/96	EP	Sican.Gesellschaft		
MD	B3	0 4 2 4 1 1 9	04/24/91	EP	Zoran Corporation		
	B4						
	B5						
	B6						
	B7						

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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

MD	C1	Vaisey J. et al., "Image Compression with Variable Block Size Segmentation" IEE Transactions on Signal Processing, IEEE, Inc. New York, US, vol. 40, no. 8, 1 August 1992, pages 2040-2060
MD	C2	Chen R-J et al., "A Fully Adaptive DCT Based Color Image Sequence Coder" Signal Processing. Image Communication, Elsevier Science Publishers, Amsterdam, NL, vol. 6, no. 4, 1 August 1994, pages 289-301
MD	C3	Kato Y et al., "An Adaptive Orthogonal Transform Coding Algorithm for Images Utilizing Classification Technique" Electronics & Communications in Japan, Part I - Communications, Scripta Technica. New York, US, vol. 72, no. 5, Part 1, 1 May 1989, pages 1-9.
EXAMINER	N. DIEP	
DATE CONSIDERED	24 SEPT 04	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.